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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/750,404 | 12/28/2000 | Kaartik Viswanath | 112025-0419 | 6927 |

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05/06/2004

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EXAMINER

LIEN, TAN

ART UNIT

PAPER NUMBER

2141

DATE MAILED: 05/06/2004

4

Please find below and/or attached an Office communication concerning this application or proceeding.

2

Office Action Summary

Application No.

09/750,404

Applicant(s)

VISWANATH ET AL.

Examiner

Tan Lien

Art Unit

2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 December 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12/28/2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>2</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 2, 5 and 6 rejected under 35 U.S.C. 102(b) as being anticipated by *Cisco Systems Inc (TN3270 Server Implementation)*, hereinafter referred to as Cisco.

Claim 1: Cisco discloses a method for generating a unique subordinate resource name, where the method comprises the steps of:

identifying a subordinate resource (page 5 under Defining PU, 3rd paragraph, 3rd line down; wherein the subordinate resource is the LU) and a related superior resource (page 5 under Defining PU, 3rd paragraph, 3rd line down; wherein the superior resource is the PU);

ascertaining the name of the superior resource (page 13, Table 2-1: LU Naming Summary, row 4 and column 2; it's using the PU's name);

truncating the superior resource name to form a truncated name (page 13, Table 2-1: LU Naming Summary, row 4 and column 2; it's defaults to the first 6 characters, thereby truncating the remaining characters after the first 6 characters);

obtaining a first counter number from a global counter (page 32, under Creating a Pool of Static LU Using LU Nailing, 2nd paragraph; wherein the global counter is the LOCADDR that ranges from 1 to 255);

appending the first counter number to the truncated name to form a first appended name (page 13, Table 2-1: LU Naming Summary, row 4 and column 2; wherein the truncated first 6 characters from the PU is appended to the 2 byte hexadecimal number obtained from the LOCADDR); and

assigning the first appended name to the first subordinate resource (page 13, Table 2-1: LU Naming Summary, row 4 and column 2).

Claim 5: Cisco discloses a method for generating a unique subordinate resource name, where the method comprises the steps of:

identifying a subordinate resource (page 5 under Defining PU, 3rd paragraph, 3rd line down; wherein the subordinate resource is the LU) and a related superior resource (page 5 under Defining PU, 3rd paragraph, 3rd line down; wherein the superior resource is the PU);

ascertaining the name of the superior resource (page 13, Table 2-1: LU Naming Summary, row 4 and column 2; it's using the PU's name);

obtaining a first counter number from a global counter (page 32, under Creating a Pool of Static LU Using LU Nailing, 2nd paragraph; wherein the global counter is the LOCADDR that ranges from 1 to 255);

substituting the counter number for n characters in the superior resource name to form a first name (page 13, Table 2-1: LU Naming Summary, row 4 and column 2; wherein the characters after the first 6 of the PU is substituted with a 2 byte hexadecimal number); and

assigning the first name to the first subordinate resource (page 13, Table 2-1: LU Naming Summary, row 4 and column 2; wherein the LU is defaulted to the first 6 characters followed by the substituted counter number from the LOCADDR).

Claims 2 and 6: The global counter LOCADDR can range from 1 to 255, and 255 has n=3 digits (page 32, under Creating a Pool of Static LU Using LU Nailing, 2nd paragraph).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3-4 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cisco in view of Shakib et al (US Pat. 5,812,793), hereinafter referred to as Shakib.

Claim 3: Cisco discloses the claimed invention as described in claim 1 above. Cisco, however, fails to disclose the incrementing of a global counter to obtain a second counter number. Instead, Cisco discloses a 2 byte hexadecimal number obtained from the global counter LOCADDR. Shakib discloses a method of incrementing the number (column 18, lines 26-27). It would have been obvious to one of ordinary skill in the art at the time of the invention to increment global counter to obtain a second global counter number. The motivation for Cisco to increment the counter number is to allow growth of enterprises to accommodate a virtually large number of systems (col. 3, lines 1-10).

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Once the second counter is obtained, it would have been obvious to one of ordinary skill in the art at the time of the invention to append it to the first 6 characters of the superior resource name and assign the appended name to the next subordinate resource.

Claims 4: The global counter LOCADDR can range from 1 to 255, and 255 has n=3 digits (page 32, under Creating a Pool of Static LU Using LU Nailing, 2nd paragraph).

Claim 7: Cisco discloses the claimed invention as described in claim 5 above. Cisco, however, fails to disclose the incrementing of a global counter to obtain a second counter number. Instead Cisco discloses a 2-byte hexadecimal number obtained from the global counter LOCADDR. Shakib discloses a method of incrementing the number (column 18, lines 26-27). It would have been obvious to one of ordinary skill in the art at the time of the invention to increment global counter to obtain a second global counter number. The motivation for Cisco to increment the counter number is to allow growth of enterprises to accommodate a virtually large number of systems (col. 3, lines 1-10). Once the second counter number is obtained, it would have been obvious to one of ordinary skill in the art at the time of the invention to substitute the counter number to the characters after the first 6 characters of the superior resource name and assign the substituted name to the next subordinate resource.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- *TN3270 Server Access to Mainframe-Based SNA Applications and Data* teaches LU assignment and naming.
- Falk (US Pat 6,519,742) teaches the incrementing of a global counter and appending the counter value to a prefix to get a unique operator name.

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Tan Lien whose telephone number is (703) 305-6018. The examiner can normally be reached on Monday-Thursday from 8:30am to 6pm. The examiner can also be reached on alternate Fridays.

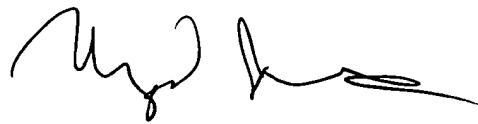
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia, can be reached at (703) 305-4003. The fax phone number for this Group is (703) 305-3718.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [tan.lien@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy

published in the Official Gazette of the Patent and Trademark on February 25, 1997
at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or
proceeding should be directed to the Group receptionist whose telephone number is
(703) 305-3900.



RUPAL DHARIA
SUPERVISORY PATENT EXAMINER